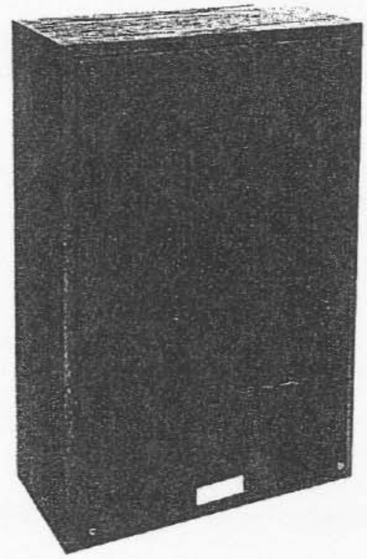
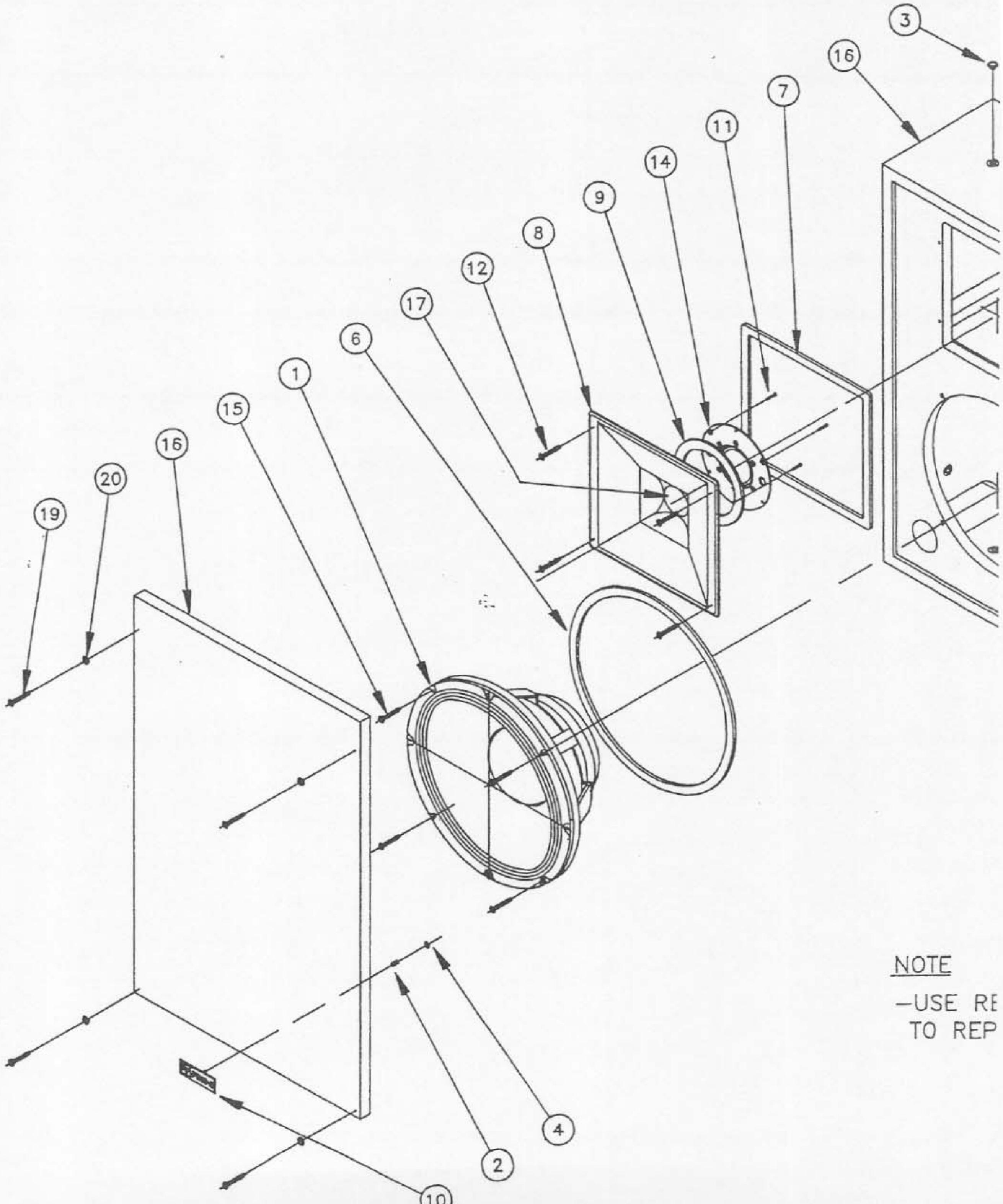
Electro-Voice®
a MARK IV company
600 Cecil Street
Buchanan, Michigan 49107
Phone: 616-695-6831
FAX: 616-695-1304

SERVICE
DATA

Model FR12-2B

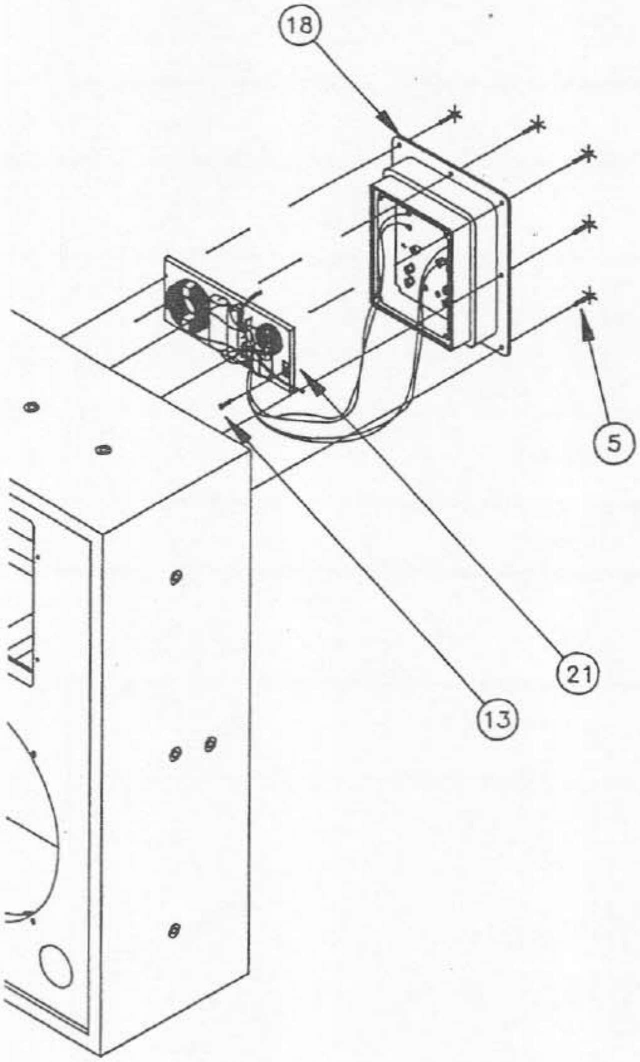


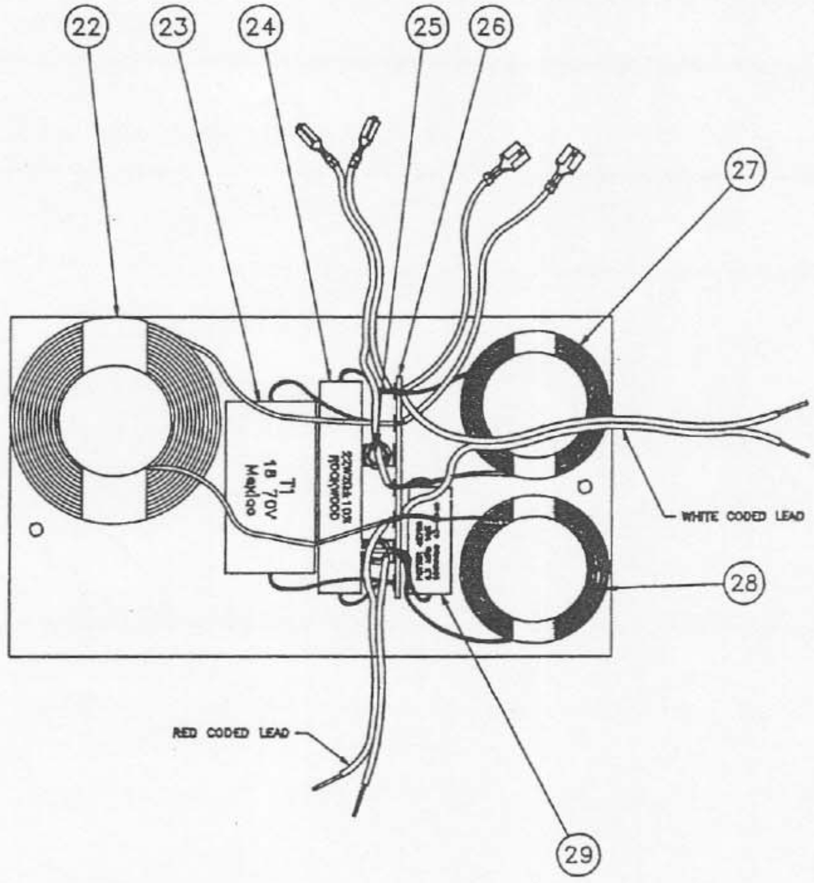
Specifications:	FR12-2B
Model & Spec:	1013-2163
Frequency Response,	
(–3-dB):	80-18,000 Hz
(–10-dB):	50-20,000 Hz
Power Handling,	
Long-Term:	100 W
SPL at 1 Watt/1 Meter:	96 dB
Nominal Impedance:	8 ohms
Minimum Impedance:	6.5 ohms
Nominal Dispersion (h/v):	60° x 60°
Crossover Frequency:	1,500 Hz
Dimensions (hwd):	25.5 in. x 16.5 in. x 8.8 in.
Weight:	46 lb



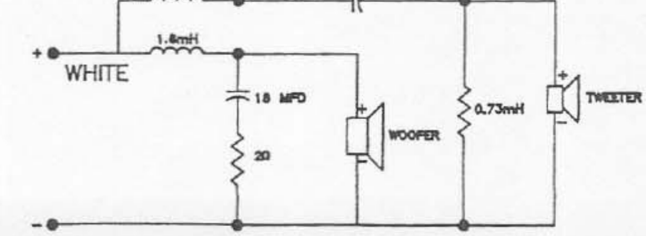
NOTE

-USE RE
TO REP





)NE KIT EV# 82812 XX
: WOOFER



CROSSOVER SCHEMATIC

29	42730	1	CAPACITOR, 4.3 ± 10%, 100 V
28	35027	1	INDUCTOR, 0.26 mH
27	3584	1	INDUCTOR, 0.73 mH
26	A27323	1	TERMINAL STRIP
25	63037-CP	2	SCR, #8—15 X ¼ IN., HEX WSHR HD, BLK
24	46671	1	RESISTOR, 2.0 OHMS ± 10%
23	42711	1	CAPACITOR, 18 MFD ± 15%, 70 V MYLAR
22	35034	1	INDUCTOR, 1.6 mH
21	82727	1	CROSSOVER S/A
20	38768	4	WASHER, COUNTERSUNK, BLACK NYLON
19	62986-CP	4	SCREW, #8—18 X 1½ IN., FLAT HD, BLK
18	82749	1	INPUT PANEL S/A
17	70809	1	SCREEN, TWEETER, SCOTTFOAM, CHARCOAL
16	82697	1	ENCLOSURE S/A
15	610224	4	SCREW, ¼—20 X 1 IN., HEX WSHR HD, SLT'D, GD#5 STL, BLK ZINC
14	89545	1	1½ IN. DOME LOUDSPEAKER
13	63069-CP	2	SCREW, #8—18 X ⅝ IN., PAN HD, X-REC, TYPE AB, STL, BLK ZINC
12	63056-CP	4	SCREW, #8—15 X 1 IN., FLAT HD, X-REC, TYPE A, STL, BLK ZINC
11	63053-CP	3	SCREW, #8 X ⅝ IN., HEX WSHR HD, TRI LOBULAR, STL, BLK ZINC
10	48994	1	NAMEPLATE
9	38722	1	GASKET, 2.94 OD X 1.58 ID X .25 THICK, CLOSED CELL FOAM
8	70921-UP	1	HORN, 8 IN. DIRECTOR, PLASTIC, BLK
7	28039-62	1	TAPE, FOAM, TESIMOL, 39 IN. LONG
6	28039-40	1	TAPE, FOAM, TESIMOL, 35½ IN. LONG
5	63075-CP	8	SCREW, #8—15 X ¾ IN., OVAL HD, X-REC, BLK ZINC
4	20745-AE	1	NUT, PUSH, PALNUT PS125006, ZINC PLT
3	20354	18	PLUG, HOLD, Ø5/16, NYLON, BLACK, HEYCO P/N 2613
2	19086	1	SPRING, SPIROL
1	1812-0560	1	LOUDSPEAKER, 12 INCH
ITEM	PART NO.	QTY.	DESCRIPTION
BILL OF MATERIALS FOR ONE COMPLETE UNIT			

FINAL ASSEMBLY PARTS LIST

EV®

ELECTRO-VOICE a MARK IV company **600 Cecil Street, Buchanan, Michigan 49107**

MANUFACTURING PLANTS AT ■ BUCHANAN, MI ■ NEWPORT, TN ■ SEVIERVILLE, TN ■ OKLAHOMA CITY, OK ■ GANANOQUE, ONT.

Part Number 532024 — 9324